

## First yeast transformation

### Materials and methods

→ Yeast Protocol Handbook (Clontech)

We used a 300mL culture with an OD of 0.588.

We plated all the transformation reaction tubes on selective agar plate.

### Expected transformants

	DNA template
- hogLucUra	H10
- pbsLucKan	P13
- hogSplitLucUra	H11
- psbSplitLucKan	P14
- hogGFPUra	H4
- pbsGFPKan	P11
- hogSplitGFPUra	H9
- pbsSplitGFPKan	P12

### Results

We only obtained plates with pbsGFPKan transformed yeast cells.

### Troubleshooting

- not enough DNA template → we'll try again with more than 1ng of DNA
- poor quality and purity of our templates : we had some unexpected bands when we loaded our PCR products and sometimes even smears
- mistakes during the transformation ? It was the first time we tried this protocol